

10/585971

Atty. Dkt. No. 016906-0530

AP20 Rec'd PCT/PTO 13 JUL 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Rüdiger KÖLBLIN et al.  
Title: HEAT EXCHANGER, ESPECIALLY  
OIL/COOLANT COOLER  
Appl. No.: Unassigned  
Filing Date: 07/13/2006  
International PCT/EP2004/013828  
Appl. No.:  
International 12/6/2004  
Filing Date:  
Examiner: Unassigned  
Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be

appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

### **TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

### **RELEVANCE OF EACH DOCUMENT**

Documents A1 through A8 were cited in the International Search Report in Applicants' International Application PCT/EP2004/013828. A copy of the International Search Report setting forth the portion of each reference considered relevant by the examiner is attached.

The relevance of the non-English language document A8 is described in the present specification.

Documents A6 and A2 belong to the same "patent family," whereby the English language document may assist the PTO in understanding the content of the non-English language document.

Further, documents A7 and A3 belong to the same "patent family," whereby the English language document may assist the PTO in understanding the content of the non-English language document.

Unless otherwise indicated, no English translation is readily available (not considering machine-generated translations that may be freely available online, to both the Applicant and the PTO) for each of the non-English language documents. However, a commercially available English language abstract is provided herewith, where indicated on the attached Form PTO/SB/08. Inasmuch as Applicants have endeavored to provide at least one item that complies with the requirement for a "concise explanation of relevance" for each of the non-English language documents, each of these documents has been submitted in compliance with

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the PTO requirements and should be considered by the Examiner (37 CFR §1.97, §1.98 and MPEP §609).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date: July 13, 2006

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By



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|--|-----------------------------|----|---|---|--|--------------------|-----------------------------|-------------|----------|----------------------|----------------|----------------|------------|---------------|------------|------------------------|-------------|
| Substitute for form 1449B/PTO<br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>Date Submitted: July 13, 2006<br><br><i>(use as many sheets as necessary)</i> |                             |    |   | <b>Complete if Known</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>Unassigned <b>10/585971</b></td> </tr> <tr> <td>Filing Date</td> <td>07/13/06</td> </tr> <tr> <td>First Named Inventor</td> <td>Rüdiger KÖBLIN</td> </tr> <tr> <td>Group Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>016906-0530</td> </tr> </table> |  | Application Number | Unassigned <b>10/585971</b> | Filing Date | 07/13/06 | First Named Inventor | Rüdiger KÖBLIN | Group Art Unit | Unassigned | Examiner Name | Unassigned | Attorney Docket Number | 016906-0530 |
| Application Number   | Unassigned <b>10/585971</b> |    |   |   |  |                    |                             |             |          |                      |                |                |            |               |            |                        |             |
| Filing Date  | 07/13/06                    |    |   |   |  |                    |                             |             |          |                      |                |                |            |               |            |                        |             |
| First Named Inventor   | Rüdiger KÖBLIN              |    |   |   |  |                    |                             |             |          |                      |                |                |            |               |            |                        |             |
| Group Art Unit   | Unassigned                  |    |   |   |  |                    |                             |             |          |                      |                |                |            |               |            |                        |             |
| Examiner Name  | Unassigned                  |    |   |   |  |                    |                             |             |          |                      |                |                |            |               |            |                        |             |
| Attorney Docket Number   | 016906-0530                 |    |   |   |  |                    |                             |             |          |                      |                |                |            |               |            |                        |             |
| Sheet  | 1                           | of | 1 |   |  |                    |                             |             |          |                      |                |                |            |               |            |                        |             |

| U.S. PATENT DOCUMENTS |                          |                      |   |  |  |  |
|-----------------------|--------------------------|----------------------|---|--|--|--|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |   | Name of Patentee or Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                       |                          | Number               | Kind<br>Code <sup>2</sup> (if<br>known) |  |  |  |
|                       | A1                       | 5,165,468            | A                                       | TAJIMA ET AL.                                      | 11-24-1992   |  |
|                       | A2                       | 5,927,394            | A                                       | MENDLER ET AL.                                     | 07-27-1999   |  |
|                       | A3                       | 2005/0006060         | A1                                      | BROST ET AL.                                       | 01-13-2005   |  |

| UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS |                          |                                     |   |  |  |  |
|---|--------------------------|-------------------------------------|---|--|--|--|
| Examiner<br>Initials*                         | Cite<br>No. <sup>1</sup> | U.S. Patent Application<br>Document |   | Name of Patentee or Applicant of<br>Cited Document | Filing Date of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|   |                          | Serial Number                       | Kind<br>Code <sup>2</sup> (if<br>known) |  |  |  |
|   |                          |                                     |   |  |  |  |
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|   |                          |                                     |   |  |  |  |

| FOREIGN PATENT DOCUMENTS |                          |                         |                     |                                      |   |  |   |                |
|--------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|---|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee or<br>Applicant of Cited Documents | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns,<br>Lines, Where<br>Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|                          |                          | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |   |  |   |                |
|                          | A4                       | DD                      | 286 857             | A5                                   | VEB MEßGERÄTEWERK<br>ZWÖNITZ                        | 02-07-1991   |   |                |
|                          | A5                       | WO                      | 02/057699           | A1                                   | SAMSUNG CLIMATE<br>CONTROL CO., LTD.                | 07-25-2002   |   |                |
|                          | A6                       | DE                      | 197 11 258          | A1                                   | BEHR GMBH & CO                                      | 09-24-1998   |   | ABS            |
|                          | A7                       | EP                      | 1 491 837           | A2                                   | MODINE<br>MANUFACTURING<br>COMPANY                  | 12-29-2004   |   | ABS            |
|                          | A8                       | EP                      | 0 623 798           | B1                                   | BEHR GMBH & CO                                      | 02-17-1999   |   | ABS            |

| NON PATENT LITERATURE DOCUMENTS |                       |  |  |                |
|---------------------------------|-----------------------|--|--|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. |  | T <sup>6</sup> |
|                                 |                       |  |  |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.